



US006433851B2

(12) **United States Patent**  
**Shimada et al.**

(10) **Patent No.:** **US 6,433,851 B2**  
(45) **Date of Patent:** **Aug. 13, 2002**

(54) **TRANSMISSION TYPE LIQUID CRYSTAL  
DISPLAY HAVING A TRANSPARENT  
COLORLESS ORGANIC INTERLAYER  
INSULATING FILM BETWEEN PIXEL  
ELECTRODES AND SWITCHING**

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(\*) **Notice:** Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
U.S.C. 154(b) by 0 days.

(21) **Appl. No.:** 09/757,477

(22) **Filed:** Jan. 11, 2001

#### Related U.S. Application Data

(62) Division of application No. 09/592,857, filed on Jun. 12,  
2000, now Pat. No. 6,195,138, which is a division of  
application No. 09/110,134, filed on Jul. 6, 1998, now Pat.  
No. 6,097,452, which is a continuation of application No.  
08/695,632, filed on Aug. 12, 1996, now Pat. No. 6,052,162.

#### (30) Foreign Application Priority Data

Aug. 11, 1995 (JP) ..... 7-206367  
Sep. 29, 1995 (JP) ..... 7-254043

(51) **Int. Cl.<sup>7</sup>** ..... G02F 1/333; G02F 1/136

(52) **U.S. Cl.** ..... 349/138; 349/42

(58) **Field of Search** ..... 349/44, 38, 39,  
349/42, 43, 138, 139; 430/176; 345/92,  
87

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#### (57) ABSTRACT

The transmission type liquid crystal display device of this invention includes: gate lines; source lines; and switching elements each arranged near a crossing of each gate line and each source line, a gate electrode of each switching element being connected to the gate line, a source electrode of the switching element being connected to the source line, and a drain electrode of the switching element being connected to a pixel electrode for applying a voltage to a liquid crystal layer, wherein an interlayer insulating film formed of an organic film with high transparency is provided above the switching element, the gate line, and the source line, and wherein the pixel electrode formed of a transparent conductive film is provided on the interlayer insulating film.

24 Claims, 13 Drawing Sheets

